



January 10, 2013

Kathryn Hernandez
USEPA, Region VIII (8EPR-SR)
1595 Wynkoop Street
Denver, CO 80202

RE: Richardson Flat OU-1 Quarterly Status Report for October through December 2012.

Dear Ms. Hernandez,

This Quarterly Status Report details site activities conducted at Richardson Flat for October through December 2012.

Sampling Activities Conducted:

Surface water samples were taken from two locations on site (effluent at the main channel and the highway pond) as well as from eight other locations along Silver Creek on December 4, 2012. The locations and results of this sampling are summarized in the attached memorandum and figures from RMC.

Other Activity:

An end of season, site-wide weed suppression effort was completed.

Maintenance of an erosion area on the eastern side of Jeff's Pond was performed.

The construction of the new roadway was finalized, successfully re-routing site traffic away from the Rail Trail. This activity included re-location of the storage shed, equipment, and fueling station to a position adjacent to the new roadway.

The five year site review field visit occurred on November 12, 2012 with follow up questions received on December 12, 2012.

A summary RD/RA report is being prepared along with draft institutional controls for the Richardson Flat area.

Anna Bengtson of the United Park City Mines Company regularly monitored site conditions and performed wildlife and vegetation inspections as weather permitted.

Kathryn Hernandez
USEPA
January 10, 2013
Page 2

Planned Activities: January through March 2013

Winter monitoring of wildlife will continue.

Site material management including acceptance of new clean material, sifting of topsoil, and composting of vegetation material will continue as weather permits.

Completion of the RD/RA summary report and possible finalization of the institutional controls.

If you should have any questions or comments, please contact myself at 435-333-6603 or Kerry Gee at 435-333-6601.

Best Regards,



Anna Bengtson

Environmental Project Manager/Geologist

T: 435-333-6603 C: 435-640-4493 E: abengtson@unitedpark.com

UNITED PARK CITY MINES COMPANY

Cc: Kerry Gee, Kevin Murray, Dan Wall, John Isanhart, Christine Cline, Muhammad Slam



Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060
TEL: (435) 608-0954

RE: Watershed

Dear Kerry Gee:

Lab Set ID: 1212046

463 West 3600 South
Salt Lake City, UT 84115

American West Analytical Laboratories received 11 sample(s) on 12/4/2012 for the analyses presented in the following report.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Association Conference (NELAC) Institute in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri. In addition, AWAL is also accredited by the American Analytical Laboratory Association (A2LA) on ISO IEC 17025:2005, Department of Defense (DOD), UST for the State of Wyoming, and the National Lead Laboratory Accreditation Program (NLLAP). All analyses were performed in accordance to The NELAC Institute and/or A2LA protocols unless noted otherwise. Accreditation documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Kyle F. Gross
Digitally signed by Kyle F. Gross
DN: cn=Kyle F. Gross, o=AWAL,
ou=AWAL-Laboratory Director,
email=kyle@awal-labs.com, c=US
Date: 2012.12.18 14:44:21 -0700

Approved by:

Laboratory Director or designee



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-001

Client Sample ID: OU2/3 - RF8 - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1314h	E200.8	0.00200	0.00453	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1314h	E200.8	0.000500	0.00218	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1636h	E200.7	100	155	²
Lead	mg/L	12/5/2012	0910h	12/11/2012	1314h	E200.8	0.00200	0.0339	
Magnesium	mg/L	12/5/2012	0910h	12/10/2012	1349h	E200.7	10.0	38.0	
Potassium	mg/L	12/5/2012	0910h	12/10/2012	1458h	E200.7	1.00	2.35	
Sodium	mg/L	12/5/2012	0910h	12/7/2012	0916h	E200.7	100	105	²
Zinc	mg/L	12/5/2012	0910h	12/12/2012	2351h	E200.8	0.00500	0.728	

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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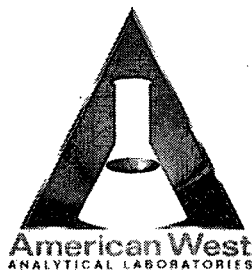
web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-002

Client Sample ID: OU1 - MF - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

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Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1349h	E200.8	0.00200	0.00320	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1349h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1652h	E200.7	100	324	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1349h	E200.8	0.00200	< 0.00200	
Magnesium	mg/L	12/5/2012	0910h	12/10/2012	1401h	E200.7	10.0	76.8	
Potassium	mg/L	12/5/2012	0910h	12/10/2012	1509h	E200.7	1.00	3.34	
Sodium	mg/L	12/5/2012	0910h	12/7/2012	0929h	E200.7	100	101	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0013h	E200.8	0.00500	0.0786	

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Watershed
Lab Sample ID: 1212046-003
Client Sample ID: OU1 - Hwy Pond - SW
Collection Date: 12/4/2012
Received Date: 12/4/2012 1437h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

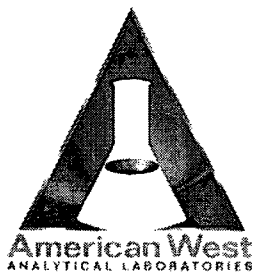
Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1356h	E200.8	0.00200	0.00367	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1356h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1656h	E200.7	100	272	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1356h	E200.8	0.00200	< 0.00200	
Magnesium	mg/L	12/5/2012	0910h	12/10/2012	1405h	E200.7	10.0	74.2	
Potassium	mg/L	12/5/2012	0910h	12/10/2012	1513h	E200.7	1.00	7.87	
Sodium	mg/L	12/5/2012	0910h	12/7/2012	0934h	E200.7	100	201	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0020h	E200.8	0.00500	0.00630	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-004

Client Sample ID: OU3 - SFB - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

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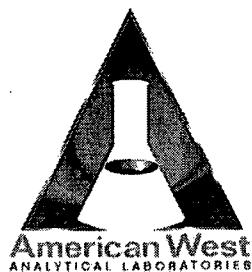
Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/11/2012 1403h	E200.8	0.00200	0.00487	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1403h	E200.8	0.000500	0.000945	
Calcium	mg/L	12/5/2012 0910h	12/6/2012 1700h	E200.7	100	130	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1403h	E200.8	0.00200	0.0192	
Magnesium	mg/L	12/5/2012 0910h	12/10/2012 1002h	E200.7	10.0	35.7	
Potassium	mg/L	12/5/2012 0910h	12/10/2012 1517h	E200.7	1.00	1.93	
Sodium	mg/L	12/5/2012 0910h	12/10/2012 1002h	E200.7	10.0	97.5	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0027h	E200.8	0.00500	0.293	

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-005

Client Sample ID: OU3 - AFB Opp - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1432h	E200.8	0.00200	0.00432	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1432h	E200.8	0.000500	0.00132	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1716h	E200.7	100	112	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1432h	E200.8	0.00200	0.0111	
Magnesium	mg/L	12/5/2012	0910h	12/10/2012	1409h	E200.7	10.0	26.7	
Potassium	mg/L	12/5/2012	0910h	12/10/2012	1521h	E200.7	1.00	2.35	
Sodium	mg/L	12/5/2012	0910h	12/10/2012	1006h	E200.7	100	186	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0034h	E200.8	0.00500	0.730	

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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-006

Client Sample ID: OU3 - RFR - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/11/2012 1439h	E200.8	0.00200	0.00443	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1439h	E200.8	0.000500	0.00105	
Calcium	mg/L	12/5/2012 0910h	12/6/2012 1720h	E200.7	100	126	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1439h	E200.8	0.00200	0.0185	
Magnesium	mg/L	12/5/2012 0910h	12/10/2012 1413h	E200.7	10.0	32.9	
Potassium	mg/L	12/5/2012 0910h	12/10/2012 1525h	E200.7	1.00	2.13	
Sodium	mg/L	12/5/2012 0910h	12/10/2012 1010h	E200.7	100	111	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0041h	E200.8	0.00500	0.495	

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-007

Client Sample ID: PRO - Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1446h	E200.8	0.00200	0.00353	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1446h	E200.8	0.000500	0.00565	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1724h	E200.7	100	109	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1446h	E200.8	0.00200	0.00896	
Magnesium	mg/L	12/5/2012	0910h	12/10/2012	1417h	E200.7	10.0	20.8	
Potassium	mg/L	12/5/2012	0910h	12/10/2012	1529h	E200.7	1.00	5.80	
Sodium	mg/L	12/5/2012	0910h	12/10/2012	1015h	E200.7	100	1,460	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0110h	E200.8	0.00500	0.627	

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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-008

Client Sample ID: PRO - WL Pipe - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1453h	E200.8	0.00200	< 0.00200	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1453h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1728h	E200.7	100	297	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1453h	E200.8	0.00200	< 0.00200	
Magnesium	mg/L	12/5/2012	0910h	12/10/2012	1421h	E200.7	10.0	34.8	
Potassium	mg/L	12/5/2012	0910h	12/10/2012	1533h	E200.7	1.00	5.77	
Sodium	mg/L	12/5/2012	0910h	12/10/2012	1019h	E200.7	100	205	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0117h	E200.8	0.00500	0.862	

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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-009

Client Sample ID: OU3 - B Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1500h	E200.8	0.00200	0.00229	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1500h	E200.8	0.000500	0.0137	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1732h	E200.7	100	183	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1500h	E200.8	0.00200	0.00855	
Magnesium	mg/L	12/5/2012	0910h	12/10/2012	1425h	E200.7	10.0	28.5	
Potassium	mg/L	12/5/2012	0910h	12/11/2012	1111h	E200.7	1.00	6.69	
Sodium	mg/L	12/5/2012	0910h	12/10/2012	1023h	E200.7	100	1,200	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0124h	E200.8	0.0125	2.42	

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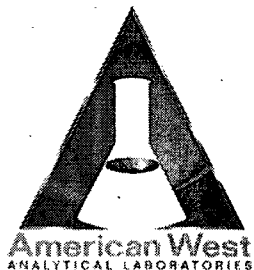
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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-010

Client Sample ID: PRO - 50 Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

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web: www.awal-labs.com

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/11/2012 1507h	E200.8	0.00200	0.00367	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1507h	E200.8	0.000500	0.00572	
Calcium	mg/L	12/5/2012 0910h	12/6/2012 1736h	E200.7	100	108	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1507h	E200.8	0.00200	0.00824	
Magnesium	mg/L	12/5/2012 0910h	12/10/2012 1441h	E200.7	10.0	19.9	
Potassium	mg/L	12/5/2012 0910h	12/11/2012 1115h	E200.7	1.00	5.99	
Sodium	mg/L	12/5/2012 0910h	12/10/2012 1027h	E200.7	100	1,420	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0131h	E200.8	0.00500	0.627	

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-011

Client Sample ID: PHAP - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

TOTAL METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/11/2012	1514h	E200.8	0.00200	0.00455	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1514h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	12/5/2012	0910h	12/6/2012	1740h	E200.7	100	125	2
Lead	mg/L	12/5/2012	0910h	12/11/2012	1514h	E200.8	0.00200	0.00663	
Magnesium	mg/L	12/5/2012	0910h	12/7/2012	1019h	E200.7	10.0	36.3	
Potassium	mg/L	12/5/2012	0910h	12/11/2012	1119h	E200.7	1.00	1.87	
Sodium	mg/L	12/5/2012	0910h	12/10/2012	1031h	E200.7	10.0	44.9	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0138h	E200.8	0.00500	0.0503	

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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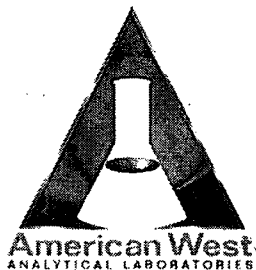
web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-001

Client Sample ID: OU2/3 - RF8 - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/13/2012 0256h	E200.8	0.00200	0.00233	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1654h	E200.8	0.000500	0.00127	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1654h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0256h	E200.8	0.00500	0.635	

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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-002

Client Sample ID: OU1 - MF - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/13/2012	0317h	E200.8	0.00200	0.00208	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1730h	E200.8	0.000500	< 0.000500	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1730h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0317h	E200.8	0.00500	0.0626	

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-003

Client Sample ID: OU1 - Hwy Pond - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/13/2012 0324h	E200.8	0.00200	0.00273	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1737h	E200.8	0.000500	< 0.000500	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1737h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0324h	E200.8	0.00500	0.00965	

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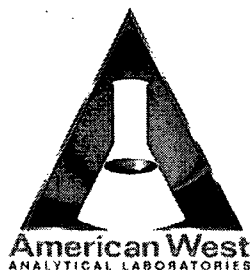
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Kyle F. Gross

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Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-004

Client Sample ID: OU3 - SFB - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/13/2012	0332h	E200.8	0.00200	0.00384	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1744h	E200.8	0.000500	< 0.000500	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1744h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0332h	E200.8	0.00500	0.226	

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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-005

Client Sample ID: OU3 - AFB Opp - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/13/2012 0339h	E200.8	0.00200	0.00260	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1812h	E200.8	0.000500	< 0.000500	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1812h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0339h	E200.8	0.00500	0.650	

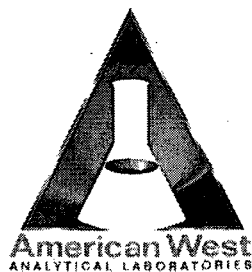
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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-006

Client Sample ID: OU3 - RFR - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/13/2012 0346h	E200.8	0.00200	0.00224	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1819h	E200.8	0.000500	< 0.000500	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1819h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0346h	E200.8	0.00500	0.412	

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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-007

Client Sample ID: PRO - Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/13/2012 0414h	E200.8	0.00200	0.00223	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1826h	E200.8	0.000500	0.00243	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1826h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0414h	E200.8	0.00500	0.573	

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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-008

Client Sample ID: PRO - WL Pipe - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/13/2012	0421h	E200.8	0.00200	< 0.00200	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1833h	E200.8	0.000500	< 0.000500	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1833h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0421h	E200.8	0.00500	0.0236	

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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-009

Client Sample ID: OU3 - B Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/13/2012 0428h	E200.8	0.00200	< 0.00200	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1841h	E200.8	0.000500	0.00138	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1841h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0435h	E200.8	0.0125	2.02	

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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-010

Client Sample ID: PRO - 50 Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012	0910h	12/13/2012	0443h	E200.8	0.00200	0.00210	
Cadmium	mg/L	12/5/2012	0910h	12/11/2012	1848h	E200.8	0.000500	0.00231	
Lead	mg/L	12/5/2012	0910h	12/11/2012	1848h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012	0910h	12/13/2012	0443h	E200.8	0.00500	0.587	

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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-011

Client Sample ID: PHAP - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/5/2012 0910h	12/13/2012 0450h	E200.8	0.00200	0.00350	
Cadmium	mg/L	12/5/2012 0910h	12/11/2012 1855h	E200.8	0.000500	< 0.000500	
Lead	mg/L	12/5/2012 0910h	12/11/2012 1855h	E200.8	0.00200	< 0.00200	
Zinc	mg/L	12/5/2012 0910h	12/13/2012 0450h	E200.8	0.00500	0.0487	

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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-001

Client Sample ID: OU2/3 - RF8 - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 0800h	SM2320B	20.0	163	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 0800h	SM2320B	20.0	< 20.0	
Chloride	mg/L		12/6/2012 1643h	SM4500-Cl-E	50.0	277	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2042h	E353.2	0.0100	0.260	~ ¹
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO ₄ -E	62.5	188	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	1,060	@

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

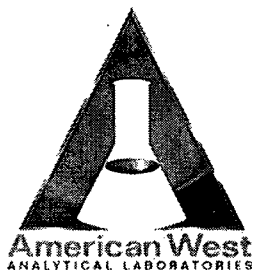
@ - High RPD due to suspected sample non-homogeneity or matrix interference.

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-002

Client Sample ID: OU1 - MF - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

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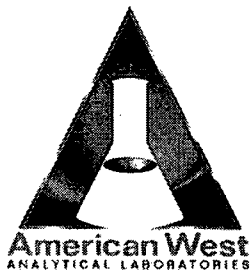
Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	20.0	222	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	20.0	< 20.0	
Chloride	mg/L		12/6/2012 1644h	SM4500-Cl-E	50.0	323	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2043h	E353.2	0.0100	< 0.0100	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO ₄ -E	125	835	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	1,640	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

! - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-003

Client Sample ID: OU1 - Hwy Pond - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	20.0	127	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	20.0	< 20.0	
Chloride	mg/L		12/6/2012 1658h	SM4500-Cl-E	50.0	609	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2045h	E353.2	0.0100	< 0.0100	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO4-E	125	491	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	1,840	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

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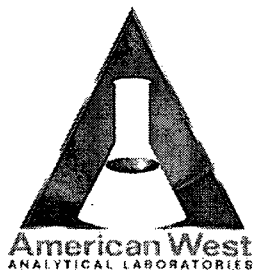
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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-004

Client Sample ID: OU3 - SFB - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	20.0	174	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	20.0	< 20.0	
Chloride	mg/L		12/6/2012 1646h	SM4500-Cl-E	50.0	233	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2046h	E353.2	0.0100	0.580	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO ₄ -E	25.0	224	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	868	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

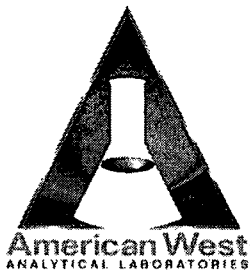
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INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-005

Client Sample ID: OU3 - AFB Opp - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	141	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	< 10.0	
Chloride	mg/L		12/6/2012 1648h	SM4500-Cl-E	50.0	367	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2054h	E353.2	0.0100	0.352	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO4-E	25.0	156	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	1,050	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

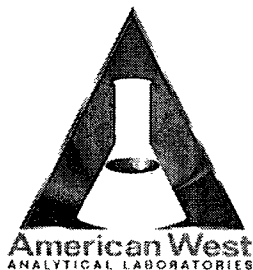
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QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-006

Client Sample ID: OU3 - RFR - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	159	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	< 10.0	
Chloride	mg/L		12/6/2012 1649h	SM4500-Cl-E	50.0	284	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2055h	E353.2	0.0100	0.406	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO ₄ -E	25.0	224	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	836	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-007

Client Sample ID: PRO - Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	101	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	< 10.0	
Chloride	mg/L		12/6/2012 1653h	SM4500-Cl-E	500	2,030	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2057h	E353.2	0.0100	0.243	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO4-E	25.0	115	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	4,070	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

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Kyle F. Gross

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Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-008

Client Sample ID: PRO - WL Pipe - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	239	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	< 10.0	
Chloride	mg/L		12/6/2012 1638h	SM4500-Cl-E	50.0	480	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2058h	E353.2	0.0100	0.0144	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO ₄ -E	125	462	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	1,710	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-009

Client Sample ID: OU3 - B Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	106	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	< 10.0	
Chloride	mg/L		12/6/2012 1654h	SM4500-Cl-E	500	1,940	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2059h	E353.2	0.0100	0.667	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO ₄ -E	62.5	260	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	4,040	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-010

Client Sample ID: PRO - 50 Weir - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

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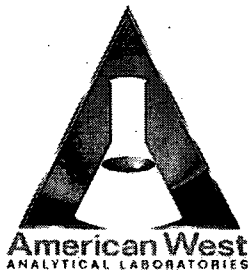
web: www.awal-labs.com

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	99.3	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	< 10.0	
Chloride	mg/L		12/6/2012 1656h	SM4500-Cl-E	500	2,110	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2101h	E353.2	0.0100	0.259	~
Sulfate	mg/L		12/6/2012 0954h	SM4500-SO ₄ -E	25.0	115	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	4,020	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project: Watershed

Lab Sample ID: 1212046-011

Client Sample ID: PHAP - SW

Collection Date: 12/4/2012

Received Date: 12/4/2012 1437h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Bicarbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	180	
Carbonate (as CaCO ₃)	mg/L		12/5/2012 1000h	SM2320B	10.0	< 10.0	
Chloride	mg/L		12/6/2012 1657h	SM4500-Cl-E	10.0	106	
Nitrate/Nitrite (as N)	mg/L		12/10/2012 2102h	E353.2	0.0100	0.620	~
Sulfate	mg/L		12/7/2012 0715h	SM4500-SO4-E	62.5	192	
Total Dissolved Solids	mg/L		12/7/2012 1310h	SM2540C	20.0	740	

~ - The sample was received unpreserved and was therefore preserved in the laboratory.

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Kyle F. Gross
Laboratory Director

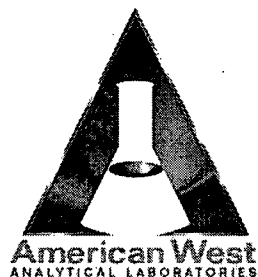
Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1212046
Project: Watershed

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
LCS-22520	Calcium	mg/L	E200.7	9.65	10.00	0	96.5	85-115				12/6/2012 1628h
LCS-22520	Magnesium	mg/L	E200.7	9.03	10.00	0	90.3	85-115				12/6/2012 1628h
LCS-22520	Potassium	mg/L	E200.7	8.95	10.00	0	89.5	85-115				12/6/2012 1628h
LCS-22520	Sodium	mg/L	E200.7	9.85	10.00	0	98.5	85-115				12/7/2012 0912h
LCS-22522	Cadmium	mg/L	E200.8	0.198	0.2000	0	99.1	85-115				12/11/2012 1647h
LCS-22522	Lead	mg/L	E200.8	0.189	0.2000	0	94.4	85-115				12/11/2012 1647h
LCS-22522	Arsenic	mg/L	E200.8	0.201	0.2000	0	100	85-115				12/13/2012 0249h
LCS-22522	Zinc	mg/L	E200.8	1.01	1.000	0	101	85-115				12/13/2012 0249h
LCS-22521	Arsenic	mg/L	E200.8	0.191	0.2000	0	95.4	85-115				12/11/2012 1307h
LCS-22521	Cadmium	mg/L	E200.8	0.194	0.2000	0	97.0	85-115				12/11/2012 1307h
LCS-22521	Lead	mg/L	E200.8	0.188	0.2000	0	94.2	85-115				12/11/2012 1307h
LCS-22521	Zinc	mg/L	E200.8	1.00	1.000	0	100	85-115				12/12/2012 2344h



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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

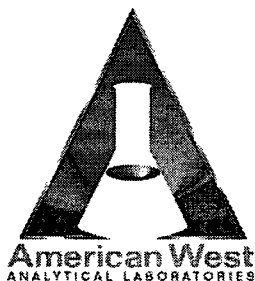
Dept: ME

QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
MB-22520	Calcium	mg/L	E200.7	< 1.00				-				12/6/2012 1624h
MB-22520	Magnesium	mg/L	E200.7	< 1.00				-				12/6/2012 1624h
MB-22520	Potassium	mg/L	E200.7	< 1.00				-				12/6/2012 1624h
MB-22520	Sodium	mg/L	E200.7	< 1.00				-				12/7/2012 0908h
MB-22522	Cadmium	mg/L	E200.8	< 0.000500				-				12/11/2012 1640h
MB-22522	Lead	mg/L	E200.8	< 0.00200				-				12/11/2012 1640h
MB-22522	Arsenic	mg/L	E200.8	< 0.00200				-				12/13/2012 0242h
MB-22522	Zinc	mg/L	E200.8	< 0.00500				-				12/13/2012 0242h
MB-22521	Arsenic	mg/L	E200.8	< 0.00200				-				12/11/2012 1259h
MB-22521	Cadmium	mg/L	E200.8	< 0.000500				-				12/11/2012 1259h
MB-22521	Lead	mg/L	E200.8	< 0.00200				-				12/11/2012 1259h
MB-22521	Zinc	mg/L	E200.8	< 0.00500				-				12/12/2012 2337h

Report Date: 12/18/2012 Page 36 of 44

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAP protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



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QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

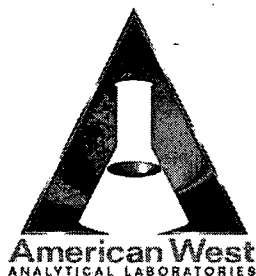
Dept: ME

QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
1212046-001BMS	Calcium	mg/L	E200.7	157	10.00	155.2	17.6	70-130			2	12/6/2012 1644h
1212046-001BMS	Sodium	mg/L	E200.7	123	10.00	104.7	184	70-130			2	12/7/2012 0920h
1212046-001BMS	Magnesium	mg/L	E200.7	45.1	10.00	38.03	71.1	70-130				12/10/2012 1353h
1212046-001BMS	Potassium	mg/L	E200.7	11.1	10.00	2.355	87.0	70-130				12/10/2012 1501h
1212046-011BMS	Calcium	mg/L	E200.7	137	10.00	125.2	117	70-130				12/6/2012 1744h
1212046-011BMS	Magnesium	mg/L	E200.7	45.8	10.00	36.31	95.3	70-130				12/7/2012 1023h
1212046-011BMS	Magnesium	mg/L	E200.7	48.6	10.00	38.37	102	70-130				12/10/2012 1035h
1212046-011BMS	Sodium	mg/L	E200.7	55.1	10.00	44.93	102	70-130				12/10/2012 1035h
1212046-011BMS	Potassium	mg/L	E200.7	11.7	10.00	1.872	98.4	70-130				12/11/2012 1123h
1212046-001EMS	Cadmium	mg/L	E200.8	0.199	0.2000	0.001268	98.8	75-125				12/11/2012 1715h
1212046-001EMS	Lead	mg/L	E200.8	0.189	0.2000	0.001546	93.8	75-125				12/11/2012 1715h
1212046-001EMS	Arsenic	mg/L	E200.8	0.198	0.2000	0.002327	97.9	75-125				12/13/2012 0303h
1212046-001EMS	Zinc	mg/L	E200.8	1.62	1.000	0.6348	98.1	75-125				12/13/2012 0303h
1212046-011EMS	Cadmium	mg/L	E200.8	0.193	0.2000	0.0001060	96.2	75-125				12/11/2012 1902h
1212046-011EMS	Lead	mg/L	E200.8	0.189	0.2000	0.0006490	94.0	75-125				12/11/2012 1902h
1212046-011EMS	Arsenic	mg/L	E200.8	0.207	0.2000	0.003498	102	75-125				12/13/2012 0457h
1212046-011EMS	Zinc	mg/L	E200.8	1.07	1.000	0.04872	102	75-125				12/13/2012 0457h
1212046-001BMS	Arsenic	mg/L	E200.8	0.196	0.2000	0.004532	95.9	75-125				12/11/2012 1335h
1212046-001BMS	Cadmium	mg/L	E200.8	0.193	0.2000	0.002180	95.3	75-125				12/11/2012 1335h
1212046-001BMS	Lead	mg/L	E200.8	0.217	0.2000	0.03387	91.6	75-125				12/11/2012 1335h
1212046-001BMS	Zinc	mg/L	E200.8	1.70	1.000	0.7285	97.2	75-125				12/12/2012 2359h
1212046-011BMS	Arsenic	mg/L	E200.8	0.197	0.2000	0.004552	96.2	75-125				12/11/2012 1521h
1212046-011BMS	Cadmium	mg/L	E200.8	0.190	0.2000	0.0002170	94.7	75-125				12/11/2012 1521h
1212046-011BMS	Lead	mg/L	E200.8	0.191	0.2000	0.006632	92.3	75-125				12/11/2012 1521h
1212046-011BMS	Zinc	mg/L	E200.8	1.06	1.000	0.05034	101	75-125				12/13/2012 0145h

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

Report Date: 12/18/2012 Page 37 of 44



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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

Dept: ME

QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
1212046-001BMSD	Calcium	mg/L	E200.7	159	10.00	155.2	33.0	70-130	0.975	20	²	12/6/2012 1648h
1212046-001BMSD	Sodium	mg/L	E200.7	119	10.00	104.7	145	70-130	3.28	20	²	12/7/2012 0925h
1212046-001BMSD	Magnesium	mg/L	E200.7	47.0	10.00	38.03	89.8	70-130	4.04	20		12/10/2012 1357h
1212046-001BMSD	Potassium	mg/L	E200.7	11.3	10.00	2.355	89.6	70-130	2.35	20		12/10/2012 1505h
1212046-011BMSD	Calcium	mg/L	E200.7	141	10.00	125.2	154	70-130	2.72	20	²	12/6/2012 1748h
1212046-011BMSD	Magnesium	mg/L	E200.7	44.7	10.00	36.31	83.7	70-130	2.56	20		12/7/2012 1027h
1212046-011BMSD	Magnesium	mg/L	E200.7	49.0	10.00	38.37	106	70-130	0.82	20		12/10/2012 1039h
1212046-011BMSD	Sodium	mg/L	E200.7	55.4	10.00	44.93	105	70-130	0.561	20		12/10/2012 1039h
1212046-011BMSD	Potassium	mg/L	E200.7	11.7	10.00	1.872	98.3	70-130	0.126	20		12/11/2012 1127h
1212046-001EMSD	Cadmium	mg/L	E200.8	0.192	0.2000	0.001268	95.5	75-125	3.39	20		12/11/2012 1722h
1212046-001EMSD	Lead	mg/L	E200.8	0.182	0.2000	0.001546	90.4	75-125	3.59	20		12/11/2012 1722h
1212046-001EMSD	Arsenic	mg/L	E200.8	0.197	0.2000	0.002327	97.5	75-125	0.439	20		12/13/2012 0310h
1212046-001EMSD	Zinc	mg/L	E200.8	1.59	1.000	0.6348	96.0	75-125	1.32	20		12/13/2012 0310h
1212046-011EMSD	Cadmium	mg/L	E200.8	0.190	0.2000	0.0001060	95.0	75-125	1.32	20		12/11/2012 1909h
1212046-011EMSD	Lead	mg/L	E200.8	0.188	0.2000	0.0006490	93.5	75-125	0.511	20		12/11/2012 1909h
1212046-011EMSD	Arsenic	mg/L	E200.8	0.204	0.2000	0.003498	100	75-125	1.19	20		12/13/2012 0504h
1212046-011EMSD	Zinc	mg/L	E200.8	1.05	1.000	0.04872	100	75-125	1.88	20		12/13/2012 0504h
1212046-001BMSD	Arsenic	mg/L	E200.8	0.201	0.2000	0.004532	98.2	75-125	2.35	20		12/11/2012 1342h
1212046-001BMSD	Cadmium	mg/L	E200.8	0.197	0.2000	0.002180	97.3	75-125	2.13	20		12/11/2012 1342h
1212046-001BMSD	Lead	mg/L	E200.8	0.222	0.2000	0.03387	93.8	75-125	2	20		12/11/2012 1342h
1212046-001BMSD	Zinc	mg/L	E200.8	1.75	1.000	0.7285	102	75-125	2.72	20		12/13/2012 0006h
1212046-011BMSD	Arsenic	mg/L	E200.8	0.204	0.2000	0.004552	99.9	75-125	3.68	20		12/11/2012 1529h
1212046-011BMSD	Cadmium	mg/L	E200.8	0.190	0.2000	0.0002170	94.8	75-125	0.162	20		12/11/2012 1529h
1212046-011BMSD	Lead	mg/L	E200.8	0.194	0.2000	0.006632	93.6	75-125	1.37	20		12/11/2012 1529h
1212046-011BMSD	Zinc	mg/L	E200.8	1.05	1.000	0.05034	100	75-125	1.08	20		12/13/2012 0152h

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

Report Date: 12/18/2012 Page 38 of 44

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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

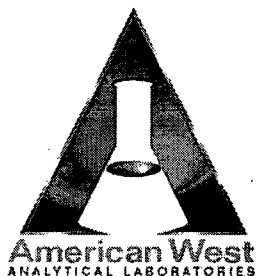
Contact: Kerry Gee

Dept: WC

QC Type: DUP

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
1212046-001ADUP	Total Dissolved Solids	mg/L	SM2540C	1,000		1,060		-	5.83	5	@	12/7/2012 1310h

@ - High RPD due to suspected sample non-homogeneity or matrix interference.



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Jose Rocha
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QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

Dept: WC

QC Type: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
LCS-R48043	Alkalinity (as CaCO ₃)	mg/L	SM2320B	51,000	50,000	0	102	90-110				12/5/2012 0800h
LCS-R48045	Alkalinity (as CaCO ₃)	mg/L	SM2320B	50,100	50,000	0	100	90-110				12/5/2012 1000h
LCS-R48099	Chloride	mg/L	SM4500-Cl-E	25.4	25.00	0	102	90-110				12/6/2012 1624h
LCS-R48218	Nitrate/Nitrite (as N)	mg/L	E353.2	1.00	1.000	0	100	90-110				12/10/2012 2033h
LCS-R48088	Sulfate	mg/L	SM4500-SO ₄ -E	982	1,000	0	98.2	90-110				12/6/2012 0954h
LCS-R48128	Sulfate	mg/L	SM4500-SO ₄ -E	946	1,000	0	94.6	90-110				12/7/2012 0715h
LCS-R48178	Total Dissolved Solids	mg/L	SM2540C	198	205.0	0	96.6	80-120				12/7/2012 1310h

Report Date: 12/18/2012 Page 40 of 44



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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

Dept: WC

QC Type: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
LCSD-R48099	Chloride	mg/L	SM4500-CL-E	24.9	25.00	0	99.6	90-110	1.9	10		12/6/2012 1625h



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Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

Dept: WC

QC Type: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
MB-R48043	Bicarbonate (as CaCO ₃)	mg/L	SM2320B	< 10.0				-				12/5/2012 0800h
MB-R48043	Carbonate (as CaCO ₃)	mg/L	SM2320B	< 10.0				-				12/5/2012 0800h
MB-R48045	Bicarbonate (as CaCO ₃)	mg/L	SM2320B	< 10.0				-				12/5/2012 1000h
MB-R48045	Carbonate (as CaCO ₃)	mg/L	SM2320B	< 10.0				-				12/5/2012 1000h
MB-R48099	Chloride	mg/L	SM4500-Cl-E	< 5.00				-				12/6/2012 1623h
MB-R48218	Nitrate/Nitrite (as N)	mg/L	E353.2	< 0.0100				-				12/10/2012 2032h
MB-R48088	Sulfate	mg/L	SM4500-SO4-E	< 5.00				-				12/6/2012 0954h
MB-R48128	Sulfate	mg/L	SM4500-SO4-E	< 5.00				-				12/7/2012 0715h
MB-R48178	Total Dissolved Solids	mg/L	SM2540C	< 10.0				-				12/7/2012 1310h

Report Date: 12/18/2012 Page 42 of 44



463 West 3600 South

Salt Lake City, UT 84115

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

Dept: WC

QC Type: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
1212046-001CMS	Alkalinity (as CaCO ₃)	mg/L	SM2320B	265	100.0	162.9	102	80-120				12/5/2012 0800h
1212046-002CMS	Alkalinity (as CaCO ₃)	mg/L	SM2320B	324	100.0	222.0	102	80-120				12/5/2012 1000h
1212046-001CMS	Chloride	mg/L	SM4500-Cl-E	350	100.0	277.0	72.8	90-110				12/6/2012 1659h
1212046-002CMS	Chloride	mg/L	SM4500-Cl-E	373	100.0	323.0	50.4	90-110				12/6/2012 1702h
1212046-001DMS	Nitrate/Nitrite (as N)	mg/L	E353.2	1.33	1.000	0.2602	107	90-110				12/10/2012 2105h
1212046-001CMS	Sulfate	mg/L	SM4500-SO ₄ -E	446	250.0	188.1	103	80-120				12/6/2012 0954h
1212046-011CMS	Sulfate	mg/L	SM4500-SO ₄ -E	445	250.0	191.8	101	80-120				12/7/2012 0715h

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.



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Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1212046

Project: Watershed

Contact: Kerry Gee

Dept: WC

QC Type: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qual	Date Analyzed
1212046-001CMSD	Alkalinity (as CaCO ₃)	mg/L	SM2320B	261	100.0	162.9	98.4	80-120	1.37	10		12/5/2012 0800h
1212046-002CMSD	Alkalinity (as CaCO ₃)	mg/L	SM2320B	320	100.0	222.0	98.4	80-120	1.12	10		12/5/2012 1000h
1212046-001CMSD	Chloride	mg/L	SM4500-Cl-E	357	100.0	277.0	80.2	90-110	2.11	10		12/6/2012 1700h
1212046-002CMSD	Chloride	mg/L	SM4500-Cl-E	401	100.0	323.0	78.5	90-110	7.24	10		12/6/2012 1703h
1212046-001DMSD	Nitrate/Nitrite (as N)	mg/L	E353.2	1.38	1.000	0.2602	112	90-110	4.01	10		12/10/2012 2106h
1212046-001CMSD	Sulfate	mg/L	SM4500-SO ₄ -E	460	250.0	188.1	109	80-120	3.16	10		12/6/2012 0954h
1212046-011CMSD	Sulfate	mg/L	SM4500-SO ₄ -E	475	250.0	191.8	113	80-120	6.48	10		12/7/2012 0715h

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

American West Analytical Laboratories

UL

WORK ORDER Summary

Client: United Park City Mines Co.

Client ID: UNI100

Project: Watershed

Comments: QC 2+. Email copy of report to Todd Leeds at RMC. / Cd DL's must be <0.0008 ppm and all other DL's should be as low as possible. Footnote report samples for NO2/NO3 preserved in lab.;

Contact: Kerry Gee

QC Level: II+

Work Order: 1212046

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WO Type: Standard

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage
1212046-001A	OU2/3 - RF8 - SW	12/4/2012	12/4/2012 1437h	12/18/2012	Aqueous	TDS-W-2540C	<input type="checkbox"/>	ww - tds 1
1212046-001B						200.7-W	<input checked="" type="checkbox"/>	df / total metals
SEL Analytes: CA MG K NA						200.7-W-PR	<input type="checkbox"/>	df / total metals
						200.8-W	<input checked="" type="checkbox"/>	df / total metals
SEL Analytes: AS CD PB ZN						200.8-W-PR	<input type="checkbox"/>	df / total metals
1212046-001C						ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc
SEL Analytes: ALKB ALKC						CL-W-4500CLE	<input type="checkbox"/>	df /wc
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc
1212046-001D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3
1212046-001E						200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals
SEL Analytes: AS CD PB ZN						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals
						FILTER-PR	<input type="checkbox"/>	df - dis metals
1212046-002A	OU1 - MF - SW					TDS-W-2540C	<input type="checkbox"/>	ww - tds
1212046-002B						200.7-W	<input checked="" type="checkbox"/>	df / total metals
SEL Analytes: CA MG K NA						200.7-W-PR	<input type="checkbox"/>	df / total metals
						200.8-W	<input checked="" type="checkbox"/>	df / total metals
SEL Analytes: AS CD PB ZN						200.8-W-PR	<input type="checkbox"/>	df / total metals

FOR LABORATORY USE ONLY (fill out on page 1):

%M ☒ RT ☒ CN ☒ TAT ☒ QC ☒

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HOK _____

COC Emailed _____

WORK ORDER Summary

Client: United Park City Mines Co.

Work Order: 1212046

Page 2 of 7 12/4/2012

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1212046-002C	OU1 - MF - SW SEL Analytes: ALKB ALKC	12/4/2012	12/4/2012 1437h	12/18/2012	Aqueous	ALK-W-2320B	<input checked="" type="checkbox"/>	df/wc	1
						CL-W-4500CLE	<input type="checkbox"/>	df/wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df/wc	
1212046-002D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3	
1212046-002E	SEL Analytes: AS CD PB ZN					200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	
						FILTER-PR	<input type="checkbox"/>	df - dis metals	
1212046-003A	OU1 - Hwy Pond - SW					TDS-W-2540C	<input type="checkbox"/>	ww - tds	
1212046-003B	SEL Analytes: CA MG K NA					200.7-W	<input checked="" type="checkbox"/>	df / total metals	
						200.7-W-PR	<input type="checkbox"/>	df / total metals	
	SEL Analytes: AS CD PB ZN					200.8-W	<input checked="" type="checkbox"/>	df / total metals	
						200.8-W-PR	<input type="checkbox"/>	df / total metals	
1212046-003C	SEL Analytes: ALKB ALKC					ALK-W-2320B	<input checked="" type="checkbox"/>	df/wc	
						CL-W-4500CLE	<input type="checkbox"/>	df/wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df/wc	
1212046-003D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3	
1212046-003E	SEL Analytes: AS CD PB ZN					200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	
						FILTER-PR	<input type="checkbox"/>	df - dis metals	
1212046-004A	OU3 - SFB - SW					TDS-W-2540C	<input type="checkbox"/>	ww - tds	
1212046-004B	SEL Analytes: CA MG K NA					200.7-W	<input checked="" type="checkbox"/>	df / total metals	

FOR LABORATORY USE ONLY [fill out on page 1]: %M ☐ RT ☐ CN ☐ TAT ☐ QC ☐

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COC Emailed _____

WORK ORDER Summary

Client: United Park City Mines Co.

Work Order: **1212046**

Page 3 of 7 12/4/2012

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1212046-004B	OU3 - SFB - SW	12/4/2012	12/4/2012 1437h	12/18/2012	Aqueous	200.7-W-PR	<input type="checkbox"/>	df / total metals	1
SEL Analytes: AS CD PB ZN						200.8-W	<input checked="" type="checkbox"/>	df / total metals	
						200.8-W-PR	<input type="checkbox"/>	df / total metals	
1212046-004C						ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc	
SEL Analytes: ALKB ALKC						CL-W-4500CLE	<input type="checkbox"/>	df /wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc	
1212046-004D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3	
1212046-004E						200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
SEL Analytes: AS CD PB ZN						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	
						FILTER-PR	<input type="checkbox"/>	df - dis metals	
1212046-005A	OU3 -AFB Opp - SW					TDS-W-2540C	<input type="checkbox"/>	ww - tds	
1212046-005B						200.7-W	<input checked="" type="checkbox"/>	df / total metals	
SEL Analytes: CA MG K NA						200.7-W-PR	<input type="checkbox"/>	df / total metals	
						200.8-W	<input checked="" type="checkbox"/>	df / total metals	
SEL Analytes: AS CD PB ZN						200.8-W-PR	<input type="checkbox"/>	df / total metals	
1212046-005C						ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc	
SEL Analytes: ALKB ALKC						CL-W-4500CLE	<input type="checkbox"/>	df /wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc	
1212046-005D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3	
1212046-005E						200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
SEL Analytes: AS CD PB ZN						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	

WORK ORDER Summary

Client: United Park City Mines Co.

Work Order: **1212046**

Page 4 of 7 12/4/2012

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1212046-005E	OU3 -AFB Opp - SW	12/4/2012	12/4/2012 1437h	12/18/2012	Aqueous	FILTER-PR	<input type="checkbox"/>	df - dis metals	1
1212046-006A	OU3 - RFR - SW					TDS-W-2540C	<input type="checkbox"/>	ww - tds	
1212046-006B						200.7-W	<input checked="" type="checkbox"/>	df / total metals	
SEL Analytes: CA MG K NA						200.7-W-PR	<input type="checkbox"/>	df / total metals	
SEL Analytes: AS CD PB ZN						200.8-W	<input checked="" type="checkbox"/>	df / total metals	
1212046-006C						200.8-W-PR	<input type="checkbox"/>	df / total metals	
SEL Analytes: ALKB ALKC						ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc	
						CL-W-4500CLE	<input type="checkbox"/>	df /wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc	
1212046-006D						NO2/NO3-W- 353.2	<input type="checkbox"/>	df no2/no3	
1212046-006E						200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
SEL Analytes: AS CD PB ZN						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	
						FILTER-PR	<input type="checkbox"/>	df - dis metals	
1212046-007A						TDS-W-2540C	<input type="checkbox"/>	ww - tds	
1212046-007B						200.7-W	<input checked="" type="checkbox"/>	df / total metals	
SEL Analytes: CA MG K NA						200.7-W-PR	<input type="checkbox"/>	df / total metals	
						200.8-W	<input checked="" type="checkbox"/>	df / total metals	
SEL Analytes: AS CD PB ZN						200.8-W-PR	<input type="checkbox"/>	df / total metals	
1212046-007C						ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc	
SEL Analytes: ALKB ALKC						CL-W-4500CLE	<input type="checkbox"/>	df /wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc	

WORK ORDER Summary

Client: United Park City Mines Co.

Work Order: 1212046

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Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage
1212046-007D	PRO - Weir - SW	12/4/2012	12/4/2012 1437h	12/18/2012	Aqueous	NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3 1
1212046-007E						200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals
	SEL Analytes: AS CD PB ZN					200.8-DIS-PR	<input type="checkbox"/>	df - dis metals
						FILTER-PR	<input type="checkbox"/>	df - dis metals
1212046-008A	PRO - WL Pipe - SW					TDS-W-2540C	<input type="checkbox"/>	ww - tds
1212046-008B						200.7-W	<input checked="" type="checkbox"/>	df / total metals
	SEL Analytes: CA MG K NA					200.7-W-PR	<input type="checkbox"/>	df / total metals
						200.8-W	<input checked="" type="checkbox"/>	df / total metals
	SEL Analytes: AS CD PB ZN					200.8-W-PR	<input type="checkbox"/>	df / total metals
1212046-008C						ALK-W-2320B	<input checked="" type="checkbox"/>	df/wc
	SEL Analytes: ALKB ALKC					CL-W-4500CLE	<input type="checkbox"/>	df/wc
						SO4-W-4500SO4E	<input type="checkbox"/>	df/wc
1212046-008D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3
1212046-008E						200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals
	SEL Analytes: AS CD PB ZN					200.8-DIS-PR	<input type="checkbox"/>	df - dis metals
						FILTER-PR	<input type="checkbox"/>	df - dis metals
1212046-009A	OU3 - Bweir - SW					TDS-W-2540C	<input type="checkbox"/>	ww - tds
1212046-009B						200.7-W	<input checked="" type="checkbox"/>	df / total metals
	SEL Analytes: CA MG K NA					200.7-W-PR	<input type="checkbox"/>	df / total metals
						200.8-W	<input checked="" type="checkbox"/>	df / total metals
	SEL Analytes: AS CD PB ZN							

WORK ORDER Summary

Client: United Park City Mines Co.

Work Order: 1212046

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Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1212046-009B	OU3 - Bweir - SW	12/4/2012	12/4/2012 1437h	12/18/2012	Aqueous	200.8-W-PR	<input type="checkbox"/>	df / total metals	1
1212046-009C	SEL Analytes: ALKB ALKC					ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc	
						CL-W-4500CLE	<input type="checkbox"/>	df /wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc	
1212046-009D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3	
1212046-009E	SEL Analytes: AS CD PB ZN					200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	
						FILTER-PR	<input type="checkbox"/>	df - dis metals	
1212046-010A	Pro - 50 Weir - SW						TDS-W-2540C	<input type="checkbox"/>	ww - tds
1212046-010B	SEL Analytes: CA MG K NA					200.7-W	<input checked="" type="checkbox"/>	df / total metals	
						200.7-W-PR	<input type="checkbox"/>	df / total metals	
						200.8-W	<input checked="" type="checkbox"/>	df / total metals	
	SEL Analytes: AS CD PB ZN					200.8-W-PR	<input type="checkbox"/>	df / total metals	
1212046-010C	SEL Analytes: ALKB ALKC					ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc	
						CL-W-4500CLE	<input type="checkbox"/>	df /wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc	
1212046-010D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3	
1212046-010E	SEL Analytes: AS CD PB ZN					200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	
						FILTER-PR	<input type="checkbox"/>	df - dis metals	
1212046-011A	PHAP - SW						TDS-W-2540C	<input type="checkbox"/>	ww - tds

WORK ORDER Summary

Client: United Park City Mines Co.

Work Order: **1212046**

Page 7 of 7 12/5/2012


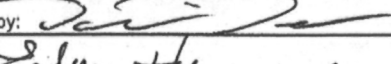
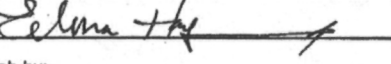
Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1212046-011B	PHAP - SW	12/4/2012	12/4/2012 1437h	12/18/2012	Aqueous	200.7-W	<input checked="" type="checkbox"/>	df / total metals	1
SEL Analytes: CA MG K NA						200.7-W-PR	<input type="checkbox"/>	df / total metals	
						200.8-W	<input checked="" type="checkbox"/>	df / total metals	
SEL Analytes: AS CD PB ZN						200.8-W-PR	<input type="checkbox"/>	df / total metals	
1212046-011C						ALK-W-2320B	<input checked="" type="checkbox"/>	df /wc	
SEL Analytes: ALKB ALKC						CL-W-4500CLE	<input type="checkbox"/>	df /wc	
						SO4-W-4500SO4E	<input type="checkbox"/>	df /wc	
1212046-011D						NO2/NO3-W-353.2	<input type="checkbox"/>	df no2/no3	
1212046-011E						200.8-DIS	<input checked="" type="checkbox"/>	df - dis metals	
SEL Analytes: AS CD PB ZN						200.8-DIS-PR	<input type="checkbox"/>	df - dis metals	
						FILTER-PR	<input type="checkbox"/>	df - dis metals	

1/2

RMC

Laboratory Services Request Form

12/2 04/6

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>UNITED PARK CITY MINES</u>				American West Analytical Laboratories 463 W. 3600 South Salt Lake City, UT 84115	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>					
Client Phone: <u>435-608-0954</u>					
Client Fax: <u>435-615-1239</u>					
II. ACCOUNT INFORMATION				Patrick Noteboom Phone # (801) 750-2585 Fax (801)-263-8687	
Account Name: <u>Watershed</u>					
Sample Questions- <u>Todd Leeds RMC- 801-255-2626</u>					
TAT: <u>Standard / QC 24 per Project</u> P.O. No: <u>Watershed</u>					
III. REPORT INSTRUCTIONS					
Report Results To: <u>KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266</u>				INCLUDE EDD	
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By: <input checked="" type="checkbox"/> US Mail (X) <input type="checkbox"/> Fed Ex () <input type="checkbox"/> Fax (X) <input type="checkbox"/> Othe <u>Todd@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
1	OU2/3-RF8-SW	12-4-2012	4	Major cations	
2	OU1-MF-SW	↓	↓	Major anions	
3	OU1-Hwy Pond-SW			Total and Dissolved As, Cd, Pb, Zn	
4	OU3-SFB-SW			TDS	
5	OU3-AFB Opp-SW				
6	OU3-RPR-SW				
7	PRO-Weir-SW				
8	PRO-WL Pipe-SW				
9	OU3-BWeir-SW				
10	PRO-50weir-SW				
notes: <u>For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.</u>					
V. CHAIN OF CUSTODY RECORD					
Dispatched by: 		Date	Time	Courier Co. Name	
Relinquished by: 		Date <u>12-4-2012</u>	Time <u>14:37</u>	Airbill #	
Received by: 		Date <u>12/4/12</u>	Time <u>1437</u>	Custody Seal Intact?	
Received for lab by:		Date	Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

2/2

RMC

Laboratory Services Request Form

1212046

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES		American West			
Client Address: PO BOX 1450 PARK CITY, UT 84060		Analytical Laboratories			
Client Phone: 435-608-0954		463 W. 3600 South			
Client Fax: 435-615-1239		Salt Lake City, UT 84115			
II. ACCOUNT INFORMATION					
Account Name: Watershed		Patrick Noteboom			
Sample Questions- Todd Leeds RMC- 801-255-2626		Phone # (801) 750-2585			
		Fax (801)-263-8687			
TAT: Standard		P.O. No:		Watershed	
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266		INCLUDE EDD			
Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail (X) Fed Ex () Fax (X) Othe Todd@rmc-ut.com					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
11	PHAP- SW	12-4-2012	4	Major cations	
				Major anions	
				Total and Dissolved As, Cd, Pb, Zn	
				TDS	
notes: For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.					
V. CHAIN OF CUSTODY RECORD					
Dispatched by:		Date	Time	Courier Co. Name	
Relinquished by: <i>[Signature]</i>		Date 12-4-2012	Time 14:37	Airbill #	
Received by: <i>[Signature]</i>		Date 12/4/12	Time 1437	Custody Seal Intact?	
Received for lab by:		Date	Time	Yes No	

Lab Set ID: 1212046

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
<input type="checkbox"/> Shipped By:	Present on Outer Package	<input checked="" type="checkbox"/> AWAL Supplied Plastic	
<input checked="" type="checkbox"/> Hand Delivered	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> AWAL Supplied Clear Glass	
<input type="checkbox"/> Ambient	Unbroken on Outer package	<input checked="" type="checkbox"/> AWAL Supplied Amber Glass	
<input checked="" type="checkbox"/> Chilled	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials	
Temperature <u>1.0 °C</u>	Present on Sample	<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace	
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes:	
Properly Preserved <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Notes: <u>NO2/NO3 received unpreserved</u>	Notes:		
Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Discrepancies Between Labels and COC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK	1	2	3	4	5	6	7	8	9	10	11		
Ammonia	pH <2 H ₂ SO ₄														
COD	pH <2 H ₂ SO ₄														
Cyanide	pH >12 NaOH														
Metals	pH <2 HNO ₃		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
NO ₂ & NO ₃	pH <2 H ₂ SO ₄		*	*	*	*	*	*	*	*	*	*	*		
Nutrients	pH <2 H ₂ SO ₄														
O & G	pH <2 HCL														
Phenols	pH <2 H ₂ SO ₄														
Sulfide	pH > 9NaOH, ZnAC														
TKN	pH <2 H ₂ SO ₄														
TOC	pH <2 H ₃ PO ₄														
T PO ₄	pH <2 H ₂ SO ₄														
TPH	pH <2 HCL														

Procedure:

- 1) Pour a small amount of sample in the sample lid
- 2) Pour sample from Lid gently over wide range pH paper
- 3) Do Not dip the pH paper in the sample bottle or lid
- 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
- 5) Flag COC and notify client for further instructions
- 6) Place client conversation on COC
- 7) Samples may be adjusted at client request

* Samples were received unpreserved and adjusted in receiving.